| Work Orde Friday, June 04, | | | | | | | | * | | | Page 1 |
|---|-----------------------|------------------------------------|--------------------|------------------------|--------------------------|--------|--------------|---------------|-----------------|------------------|----------------|
| Item ID: Revision ID: | D4008-043 | | | Accept | | | | IIIIII , s | etup Star | ·t | |
| | Fuel Pump Sp | lash Guard Assembly | | | | | | 15 | Stop | p | |
| Start Date: Required Date: Reference: | 6/4/2010 6/10/2010 | Start Qty: 1.00 Req'd Qty: 1.00 | 1 (68)8((10) (88) | | Cust Item I Customer: | D: | , | | | | |
| Approvals: | Process Pla | nn: | | Tooling: SPC (Y/N): | | ate: | | R | un Star Stoj | | |
| Sequence ID/ Work Center II |) | Operation Description | | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
| Draw Nbr | Rev | ision Nbr | | | | | | | | | |
| D4008 | Α | | | | | | | | | | |
| 100 Waterjet | | Memo | | 0.00 | | | | 18 1 | 0-6-10 | | |
| FLOW CNC Waterje | et 575 | | | | | | | | | |) |

0.00

0.00

1B10-6-10

2-Deburr if necessary

QC2- Inspect parts off machine FAI/FAIB

Memo

110

Quality Control

| WORK ORDER CHANGES DATE STEP PROCEDURE CHANGE By Date Qty Chert Charge Prod Part No: PAR #: Fault Category: NCR: Yes No DQA: Date Prod Resolution: Disposition: QA: N/C Closed: Date Prod NCR: WORK ORDER NON-CONFORMANCE (NCR) DATE STEP Description of NC Section A Chief Eng Action Description Chief Eng Action Description Chief Eng C | • |
|--|------------------|
| PAR #: Fault Category: NCR: Yes No DQA: Date Resolution: Disposition: QA: N/C Closed: Date NCR: WORK ORDER NON-CONFORMANCE (NCR) DATE STEP Description of NC Section A | |
| NCR: WORK ORDER NON-CONFORMANCE (NCR) | Eng / Approvar |
| NCR: WORK ORDER NON-CONFORMANCE (NCR) | |
| NCR: WORK ORDER NON-CONFORMANCE (NCR) | |
| NCR: WORK ORDER NON-CONFORMANCE (NCR) | |
| NCR: WORK ORDER NON-CONFORMANCE (NCR) Date Step Description of NC Corrective Action Section B Verification Section C Chief Eng Chie | nte: |
| DATE STEP Description of NC Section A Chief Eng Chief En | ıte: |
| DATE STEP Section A Initial Chief Eng Chief En | |
| Section A Chief Eng Chief Eng Chief Eng Section C Chief Chief Eng | oval Approval |
| | Eng QC Inspector |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Work Order ID 59508

Friday, June 04, 2010 3:02:50 PM



Page 2

Item ID:

D4008-043

Accept



Setup Start

Stop



Revision ID:

Item Name:

Fuel Pump Splash Guard Assembly

Start Date:

6/4/2010

Start Oty: 1.00

Req'd Qty: 1.00



Cust Item ID: Customer:

Reference:

Required Date: 6/10/2010

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date: _____

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

120

QC

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

Memo

Set Up/ **Run Hours**

0.00

Tool ID

Tool # Plan Accept Code Qty

Reject Qty

Reject Insp. Number Stamp

130

Brake NC

Brake NC

Bend as per dwg

0.00

SB 1206/16

140

QC

QC5- Inspect part completeness to step on W/O

1- Bend as per dwg 2- Dimpled as per dwg

Quality Control

Memo

| | - | | | | | | | | |
|---------------------------------------|------|-------------------|---|------------------------------|------------|----------------|-------------------------------|--------------------------|--------------|
| W/O: | | | WC | ORK ORDER CHANG | GES | | | | |
| DATE | STEP | PRO | OCEDURE CHA | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
| | | | | | | | | | |
| | | | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | | | *************************************** | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | • | PAR #: | Fault Cate | gory: | NCR: Ye | s No DQ | A: | Date: | |
| | Resc | olution: | Dispositio | n: | QA: N/C | Closed: | | Date: _ | |
| NCR: | | , | WORK ORDI | ER NON-CONFORM | ANCE (NO | CR) | | | |
| DATE | STEP | Description of NC | | tion B | Verifi | cation | Approval | Approval | |
| | | Section A | Initial Chief Eng | Action Description Chief Eng | Sigi Da | | ion C | Chief Eng | QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | · | , | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Work Order ID 59508

Friday, June 04, 2010 3:02:50 PM



Page 3

Item ID:

D4008-043

Accept



Setup Start



Revision ID:

Item Name: Fuel Pump Splash Guard Assembly

Start Date:

Required Date: 6/10/2010

6/4/2010

QC:

Start Otv: 1.00

Reg'd Otv: 1.00



Cust Item ID:

Date:

Tool # Plan

Code

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date: Date:

Tooling: SPC (Y/N): Date:

Run

Accept

Qty

Start Stop

Stop



Insp.

Stamp

Reject

Number

Sequence ID/ **Work Center ID**

160

Powdercoat

Powder Coating

Operation Description

Grey Sandtex(Ref:4.3.5.6) per OSI005 4.3

Start Time: Oven Temperatu Finish Time:

Set Up/ **Run Hours**

0.00

0.00

1 Bl 15-8-27.

Reject

Oty

170

OC

Quality Control

QC3- Inspect Part Finish

0.00

180

Small Fab Small Fab

Memo

Memo

Assemble as per dwg

0.00

0.00

co forful (c

| W/O: | | WORK ORDER CHANGES | | | | | | | | | | | |
|---------|------|--------------------|------------------|------------------------------|---------|---------|------|-----------|--------------------------|--|--|--|--|
| DATE | STEP | PRO | PROCEDURE CHANGE | | | | | | Approval QC Inspector | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Part No | | PAR #: | | | | | | | | | | | |
| | R | esolution: | | | | | | Date: | | | | | |
| NCR: | | | WORK ORD | ER NON-CONFORMA | NCE (NC | R) | | | | | | | |
| DATE | STEP | Description of NC | Initial | Corrective Action Section | on B | Verific | | Approval | Approval | | | | |
| | | Section A | Chief Eng | Action Description Chief Eng | Date | | on C | Chief Eng | QC Inspector | | | | |
| | | | | | | | | : | | | | | |
| | | , | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | ; | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | i | | | | | |
| | | | | | | | | | | | | | |

Work Order ID 59508

Friday, June 04, 2010 3:02:50 PM



Page 4

Item ID:

D4008-043

Accept

Setup Start

Revision ID:

Item Name:

Required Date: 6/10/2010

Fuel Pump Splash Guard Assembly

Start Date:

6/4/2010

Start Qty: 1.00 Req'd Qty: 1.00

Cust Item ID: Customer:

Reference:

Approvals:

Process Plan: _____ Date:

Tooling:

Date:

Start Run



Date:_____

SPC (Y/N):

Date:

Stop

Stop



Sequence ID/

Work Center ID

190

QC

Quality Control

Operation Description

QC5- Inspect part completeness to step on W/O

Set Up/ **Run Hours**

5 color/14

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

200



Packaging Packaging Identify as per dwg & Stock Location:

Memo

Memo

0.00

0.00

(cdo/2/18 0)

210



Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/09/15 X

| W/O: | | | WO | RK ORDER CHANG | SES | | | | | |
|---------|--------------|-------------------|-------------------|------------------------------|------------|--------------|-------------------------------|--------------------------|-----------|--------------|
| DATE | STEP | PRO | В | , | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 36/6 4 ** | | | | | | | | | |
| | | | | | | | | | · . | |
| Part No | • | PAR #: | Fault Categ | jory: | NCR: Y | es N | lo DQ | A: | Date: | |
| | R | esolution: | Disposition | : | QA: N/ | C Clo | sed: | | Date: | |
| NCR: | | \ | WORK ORDE | R NON-CONFORM | ANCE (N | CR) | | | | |
| DATE | STEP | Description of NC | (| tion B | Cian e Ver | | | Approval | Approval | |
| | | Section A | Initial Chief Eng | Action Description Chief Eng | | gn & late | Secti | on C | Chief Eng | QC Inspector |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | : | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | , | | | | | | |

Picklist Print

Friday, June 04, 2010 3:02:55 PM

Work Order ID: 59508

Parent Item:

D4008-043

Parent Item Name:

Fuel Pump Splash Guard Assembly

Comments:

Nut

IPP rev A 10.01.27 New issue Prelim EC verified by:DD

E 10.08.31

Location

112314

12706

ST301

Start Date: 6/4/2010

Required Date: 6/10/2010

Start Qty: 1.00

Required Oty: 1.00

| | 10.05.03 as per EC | N10-562 DD v | erified by | y:EC | | | | | Q - y · - · · · | | | Q., | |
|--|------------------------|----------------------------|-------------------|---------------------|------------------|------------------------|--------------------------|---------------------------|-------------------------------|--------------------|---------------|----------------|--------|
| Component Item ID/ Item Name M304S24GA | Replacement Item ID | Mfg/ Purch Purchased | Bin Item No | Primary Location | Last Location | Route Seq ID 100 | Unit of Measure sf | Qty on Hand 74.0000 | Qty per Kit 0.441 | Total Otv 0.464211 | Qty Issued | Date Issued | Status |
| | | | | Location | | Loc | <u>Oty</u> | Loc Code | | | | <u>/</u> . | |
| MS20426AD3-3 | | Purchased | No | | 106236 107244 | 180 | 74 42 32 Each | 4,864.000 | _ | \ <u>(\C__\)</u> | > | | |
| Rívet | | | | | | · | | | | 950 | 0/05 | /4 | |
| | | | | Location | | Loc | <u>Qty</u> | Loc Code | | | | | |
| | | | | ST316 | | | 4864 | | _ | | | | |
| A4 C 2 J | 060L3K | | | | 19099 7681 | | 4774 90 | | - | 8 | | | |
| M S21039EU8 M 2 Z I | | Purchased | No | | | 180 | Each | 323.0000 | 4 | 4 | / | _ / | 0 |

IPP Rev:B

M115101 M 115392

Loc Qty

323

200

123

Loc Code

| | | • | | | | | | 1 , |
|---------|------|---|----------------------|------------------------------|----------------|-----------------|-----------------------------------|--------------------------|
| W/O: | | | WC | RK ORDER CHANG | ES | | | |
| DATE | STEP | PR | OCEDURE CHAI | NGE | Ву | Date | Qty Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | · - |
| | | | | | | | | |
| | | | | | | | | |
| Part No | : | PAR #: | Fault Cate | jory: | _ NCR: Yes | No DQA : | Date: _ | |
| | Reso | olution: | Disposition | : | _ QA: N/C CI | osed: | Date: _ | |
| NCR: | | | WORK ORDE | ER NON-CONFORMA | NCE (NCF | R) | | |
| DATE | STEP | Description of NC | | Corrective Action Section | | Verificat | tion Approval | Approval |
| | | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | QC Inspector |
| | | | | | | | | |
| | | | | | | | | į |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| į | | · | | | | | | |
| | | | | | | | | |
| | | | | | | 1 | | |

| DART AEROSPACE LTD | Work Order: | 59508 |
|--|--------------|-------------|
| Description: FUEL PUMP SPIASH GUARD ASSEMBLY | Part Number: | D4008-63 |
| Inspection Dwg: D4008 - Rev: | | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

| | | X | First Artic | le | Proto | type | |
|----------------------|----------|----------|---------------------|--------------|--------------|-------------------------|----------|
| Drawing Dimension | Toleranc | e | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
| 8PO, O | T.004 | <u>и</u> | .100 | 8 | | | |
| Ø .70\ | 4.0050 | | .764 | × | * | | |
| 38 | 74 ,30 | | 283 | * | | | |
| ,64 | 4 .030 | | . 638 | 4 | | | |
| .344 | 4 .00 | | - 347 | 놔 | ļ | | |
| . 686 | th .010 | | -686 | 1 | | | |
| , l3 | 4 .030 | | - 130 | * | | | |
| 10.07 | 1030 | | | × × | ļ | | |
| 6.30 | 1/2 .030 | | 6.304 | * | | | |
| , ७३४ | 1/- 1010 | | 1094 | 7 | | | |
| | | | | | | | |
| | | | | | _ | | |
| | | | | - | ļ | | |
| | | | | ļ: | ļ | | |
| | | | | | <u> </u> | | |
| | | | | | | | |
| | | | | | - | | |
| | | | | | + | | |
| | | | | - | + | + | ģis. |
| | | | | | | | |
| | | | - | - | + | | |
| | | | | | - | 1 | |

| Measured by: | иЗ | Audited by: | Prototype Approval: | N/A |
|--------------|---------|----------------|---------------------|------|
| Measured by. | ИЗ | | Dete | N/A |
| Date: | 10-6-10 | Date: ID DE 10 | Date: | 14/7 |

| | 5 4 | Change | | Revised by | Approved |
|-----|------------|-----------|------------------|------------|----------|
| Rev | Date | Change | 1) = 51/200 01/3 | KJ/JLM | |
| Α | | New Issue | 1/0 D4008-043 | TOTOLIN | <u> </u> |

SHOP COPY 5 2 QTY. ITEM NO. PART NUMBER JOHN CAMERON AVIATION PART NUMBER ENGINEERING DESCRIPTION UNCONTROLLED COPY 1 x D4008-041 AUX TANK FILLER SPLASH GUARD ASSEMBLY JCA-M47-2-26 SUBJECT TO AMENDMENT 2 2 D3941-1 RUBBER CUSHION WITHOUT NOTICE 3 D4008-1 1 FUEL FILLER SPLASH GUARD CHANNEL 4 1 D4008-5 HINGE 5 2 D4008-7 WASHER 6 1 D4008-9 SPRING 7 5 MS20470AD3-3 RIVET 8 2 MS35206S245 SCREW g 6 NAS1149DN832.I WASHER 10 2 MS21042L08 NUT SECTION A-A С SCALE: 2X (10) D4008-041 AUX TANK FILLER SPLASH GUARD ASSEMBLY Α NEW ISSUE 10.02.05 REV. DESCRIPTION DATE 1) MATEKIAL: NIA
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4008-041" AND B/N USING FINE POINT PERMANENT INK MARKER DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA CHECKED DRAWING NO. REV. A D4008 MFG. APPR. SHEET 1 OF 10 7) WEIGHT: 0.15 lbs APPROVED TITLE SCALE 7) WEIGHT. US 168 8) ATTACH D3941-1 RUBBER CUSHION USING SILICONE ADHESIVE, TRIM TO FIT, AFTER POWDER COAT 9) MASK HINGE PIN AREA BEFORE POWDER COAT 10) INSTALL D4008-7 WASHER AND D4008-9 SPRING AFTER POWDER COAT SPLASH GUARD DE APPR NTS DATE COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE EXPRESS CONDITION OF COMPANION TED TO ANY OTHER PERSON

5

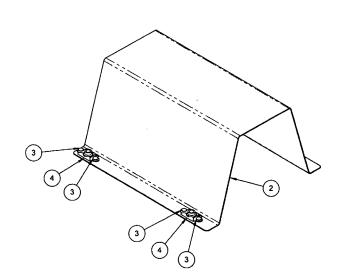
10.02.05

3

| Dart Aerospace Ltd |
|---------------------------|
|---------------------------|

| W/O: | | | WO | RK ORDER CHANG | ES | | | |
|---------|------|-------------------|----------------------|------------------------------|----------------|------------------|----------------------------------|--------------------------|
| DATE | STEP | PRO | OCEDURE CHAI | NGE | Ву | Date Q | ty Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | 1100 mg | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | · | |
| | | | , | , | | | | |
| Part No | • | PAR #: | Fault Categ | jory: | _ NCR: Yes | No DQA: _ | Date: _ | |
| | | olution: | | | | | | |
| NCR: | | | | R NON-CONFORM | | | | |
| DATE | CTED | Description of NC | | Corrective Action Sect | ion B | Verification | on Approval | Approval |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | Chief Eng | Approval QC Inspector |
| | | | | | | i | | |
| | | | | | | | | |
| | | | | | | | i | |
| | | | | | | | | |
| | | | | | · | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| QTY. -043 | | | |
|--------------|--------------|---------------------------------|---|
| -043 | PART NUMBER | DESCRIPTION | JOHN CAMERON AVIATION PART NUMBER |
| х | D4008-043 | FUEL PUMP SPLASH GUARD ASSEMBLY | JCA-M47-2-29 |
| _ | | | |
| 1 | D4008-3 | FUEL PUMP SPLASH GUARD COVER | |
| 8 | MS20426AD3-3 | RIVET | <u> </u> |
| 4 | MS21059L08 | NUT PLATE | |
| _ | 1 8 4 | 1 D4008-3 8 MS20426AD3-3 | 1 D4008-3 FUEL PUMP SPLASH GUARD COVER 8 MS20426AD3-3 RIVET |



D4008-043 FUEL PUMP SPLASH GUARD ASSEMBLY



NOTES:
1) MATERIAL:
2) FINISH: POWDER COAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4008-043" AND B/N USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: 0.46 lbs

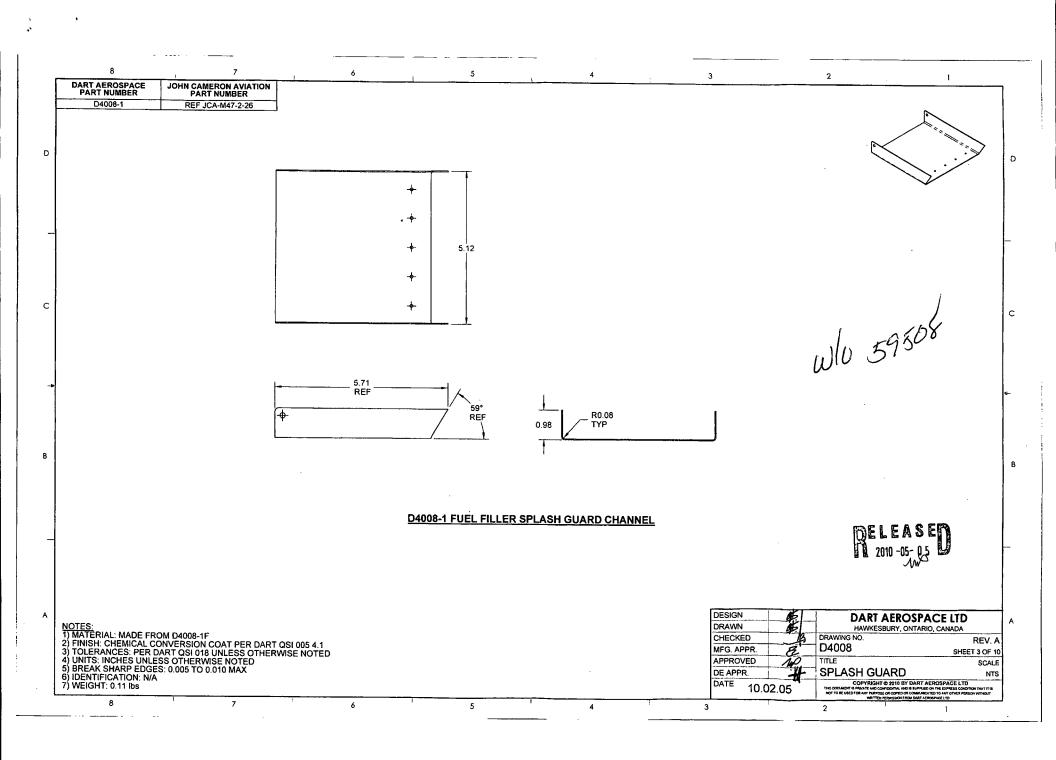
| DESIGN | 1 | DART AEROSPA | CELID |
|------------|------|---|-------------------------------------|
| DRAWN | 85 | HAWKESBURY, ONTARK | |
| CHECKED | B | DRAWING NO. | REV. A |
| MFG. APPR. | 色 | D4008 | SHEET 2 OF 10 |
| APPROVED | 100 | TITLE | SCALE |
| DE APPR. | -#- | SPLASH GUARD | NTS |
| DATE 10.0 | 2.05 | COPYRIGHT © 2010 BY DART AT THIS COCUMENT IS PRIVATE AND COMPRISHTIAL AND IS SUPPLIED NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICA | ON THE EXPRESS CONDITION THAT IT IS |

W/0 59508

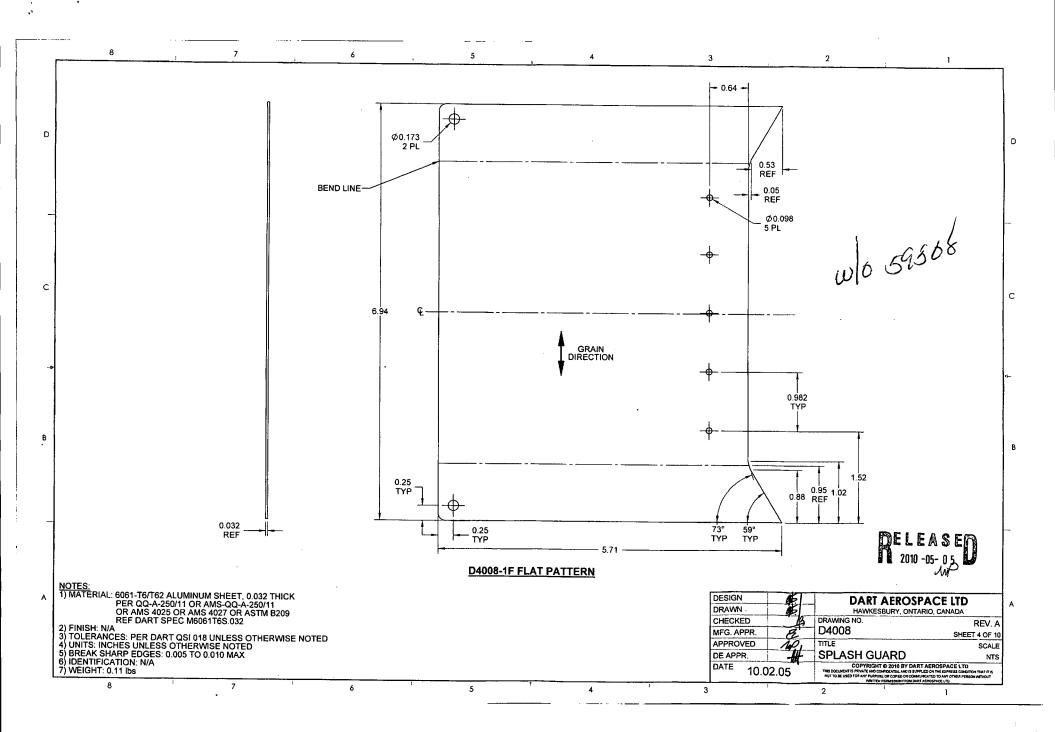
3

8

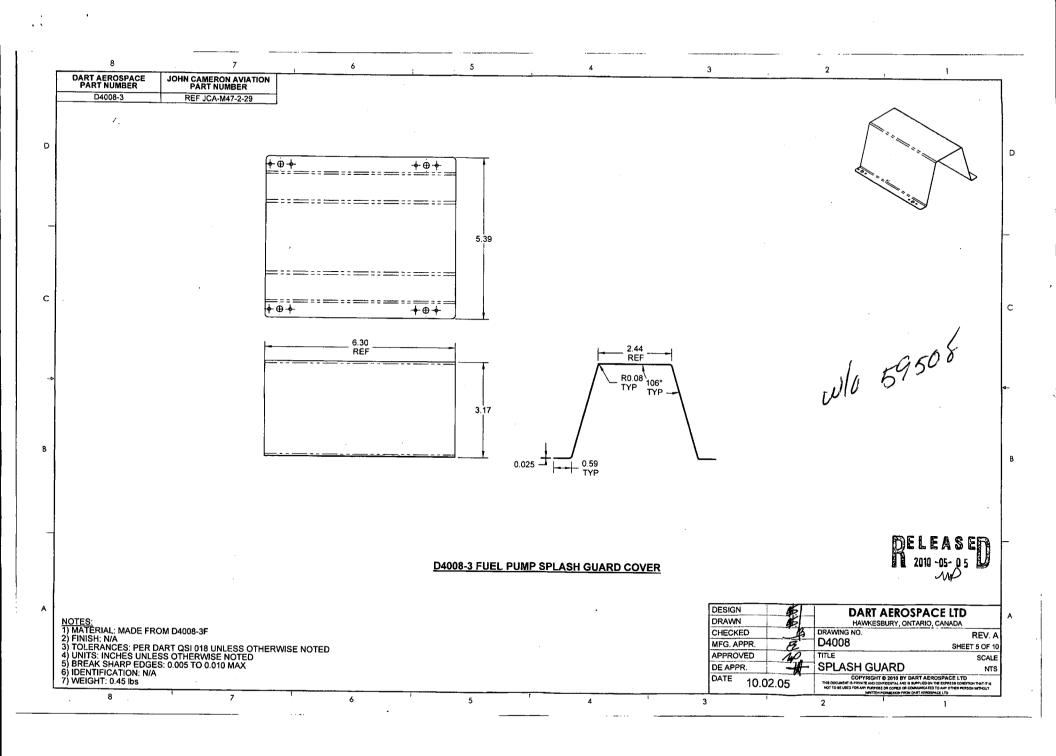
| W/O: | | | \MO | DV ODDED CHANC | FC | | | | | , |
|--------------|------|-------------------|----------------------|------------------------------|---------|---------------|---------|------------|----------------------|--------------------------|
| | | | WO | RK ORDER CHANG | E9 | | | | Approval | Γ |
| DATE | STEP | PR(| OCEDURE CHAI | IGE | E | Зу | Date | Qty | Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Part No | : | PAR #: | Fault Categ | ory: | _ NCR: | Yes N | lo DQ | 4 : | Date: | |
| | Res | solution: | Disposition | : | _ QA: N | /C Clo | sed: | | Date: | |
| NCR: | | | WORK ORDE | R NON-CONFORMA | NCE (| NCR) | | | | |
| DATE | CTED | Description of NC | | Corrective Action Section | | | Verific | ation | Approval | Approval |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | | ign & Date | Secti | | Chief Eng | QC Inspector |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| - | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | , 1 | | 1 1 | | 1 | | 1 | | 1 | 1 |



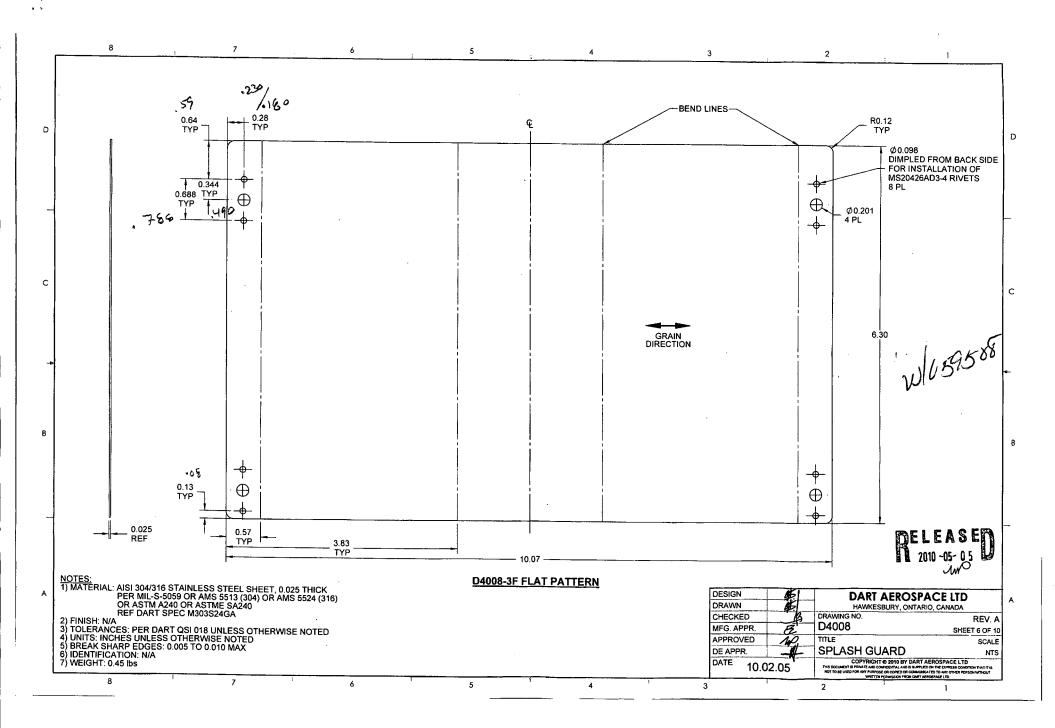
| W/O: | | | WC | RK ORDER CHANG | ES | | | | |
|---------|------|--------------------------------|----------------------|--|------------|---------|-------------------|-------------------------------------|---|
| DATE | STEP | PRO | OCEDURE CHAI | NGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | : | | |
| | | | | | | | | | |
| Part No | : | PAR #: | Fault Cated | aorv: | NCR: Ye | s No DC |)A: | Date: | |
| | | esolution: | | | | | | | |
| NCR: | | , | WORK ORDE | ER NON-CONFORMA | ANCE (NC | R) | | | *************************************** |
| DATE | STEP | Description of NC Section A | Initial Chief Eng | Corrective Action Section Action Description Chief Eng | ion B Sign | & Sec | ication tion C | Approval Chief Eng | Approval QC Inspector |
| | | | | Onto Ling | | | – | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | ****** | ż | |
| | | | | | | | | | |
| | | | | | | | | | |



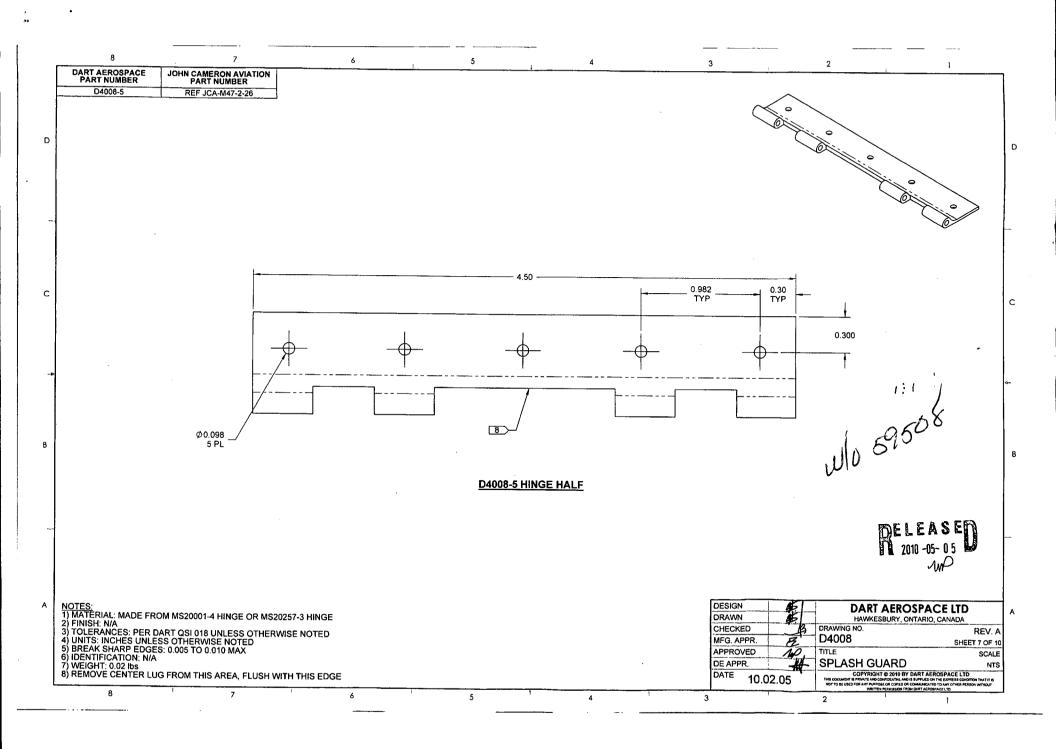
| | | . — | | | | | | | | • |
|---------|------|-------------------|---------------------------------------|------------------------------|---------|----------------|--------------|-------------|-------------------------------------|--------------------------|
| W/O: | | | WC | RK ORDER CHANG | GES | | | | | , |
| DATE | STEP | PRO | OCEDURE CHAI | NGE | ı | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | į | | | | | | • | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Part No | • | PAR #: | Fault Cate | gory: | NCR: | Yes N | lo DQ | \: | Date: _ | |
| | Re | esolution: | Disposition | n: | QA: N | I/C Clo | sed: | | Date: | |
| NCR: | | | WORK ORDI | R NON-CONFORM | ANCE (| NCR) | | | | |
| DATE | STEP | Description of NC | · · · · · · · · · · · · · · · · · · · | | ction B | | Verific | ation | Approval | Approval |
| | 0.2. | Section A | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | Section | on C | Chief Eng | QC Inspector |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | , | |
| | | `` | | | | | , | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| i | 1 | I . | 1 1 | | 1 | | 1 | | | 1 |



| Duit Aci | Copacc | Liu | | | | | | | | 1 . |
|--|--------|-------------------|----------------------|------------------------------|----------|--------------|---------------|------------|-------------------------------|--------------------------|
| W/O: | | | WO | RK ORDER CHANG | GES | | | | | ···· |
| DATE | STEP | PRO | OCEDURE CHAN | IGE | В | у | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | | |
| , | | | | | | | | | | |
| | | | | | | | | | | |
| Part No | | PAR #: | Fault Categ | ory: | NCR: \ | es N | o DQ / | A : | _ Date: _ | |
| | | esolution: | | | | | | | | |
| NCR: | | , | WORK ORDE | R NON-CONFORM | IANCE (N | ICR) | | | | |
| DATE | STEP | Description of NC | <u> </u> | | ction B | | Verific | ation | Approval | Approval |
| —————————————————————————————————————— | JILI | Section A | Initial Chief Eng | Action Description Chief Eng | | gn & Date | Section | | Chief Eng | QC Inspector |
| | | | | | | | | | | |
| · · | | | | | | | | | | |
| | | | | | | | 1 | | | : |
| | | | · | | · | | | | | |
| | | | | | ` | | - | | | |
| | | | | | | | | | ^ | |
| | | | | | | | | | | |



| | | | | | | | | | | |
|---------|------|-------------------|----------------------|------------------------------|---------|----------------|---------------|--------|-------------------------------------|--------------------------|
| W/O: | | | WO | RK ORDER CHANG | ES | | | | | |
| DATE | STEP | PRO | OCEDURE CHAN | IGE | E | Зу | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Part No | | PAR #: | Fault Categ | ory: | _ NCR: | Yes N | o DQ / | A: | Date: | |
| | Res | solution: | Disposition | : | _ QA: N | /C Clos | sed: | | Date: | |
| NCR: | | | WORK ORDE | R NON-CONFORMA | ANCE (| NCR) | | | | |
| DATE | STEP | Description of NC | | Corrective Action Section | | | Verific | cation | Approval | Approval |
| | OIL! | Section A | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | Secti | | Chief Eng | QC Inspector |
| | ! | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | • • • • • | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | 10 | | | | - | | i | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | • | | | | | | | | |



| | • | · =- | | | | | | • |
|-------------|------|-------------------|-------------|------------------------------|---------------|--------------|----------------------------------|--------------------------|
| W/O: | | | WC | ORK ORDER CHANG | ES | | | |
| DATE | STEP | PRO | OCEDURE CHA | NGE | Ву | Date Q | ty Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Part No | : | PAR #: | Fault Cate | gory: | NCR: Yes | No DQA:_ | Date: _ | |
| | R | esolution: | Disposition | n: | _ QA: N/C Cld | sed: | Date: _ | |
| NCR: | | | WORK ORDI | ER NON-CONFORMA | NCE (NCR |) | | • • |
| DATE | STEP | Description of NC | Initial | Corrective Action Section | on B Sign & | Verification | | Approval |
| | | Section A | Chief Eng | Action Description Chief Eng | Date | Section C | Chief Eng | QC Inspector |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | , |

6 5 3 DART AEROSPACE PART NUMBER JOHN CAMERON AVIATION PART NUMBER D4008-7 REF JCA-M47-2-26 D D Ø1.00 - 0.125 -С W/0 59508 Ø0.18 **D4008-7 WASHER** DESIGN NOTES: 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL, Ø1.00 ROUND BAR, BLACK REF DART SPEC M-DELRIN-R1.000 DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REF DART SPEC M-DELRIN-R1.000
2) FINISH: NIA
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NIA
7) WEIGHT: 0.00 lbs REV. A D4008 MFG. APPR. SHEET 8 OF 10 APPROVED TITLE SCALE SPLASH GUARD DE APPR. NTS COPYRIGHT © 2010 BY DART AFROSPACE LTD
THIS DOCUMENT IS PRIMATE AND CONFERENCE AND IS SEPPLED OF THE EXPRESS CONSTITUTION TO BE USED FOR MY PURPOSE OF COMED OF COMMUNICATION TO ANY OTHER PERSON
WRITTEN PRIMARISAND FROM LANT ARROSPACE TO DATE 10.02.05 8 7 5 3 2

| | • | | | | | | | • • |
|---------|------|-------------------|----------------------|------------------------------|----------------|-------------------|-------------------------------|--------------------------|
| W/O: | | | WC | ORK ORDER CHANG | ES | .,, ., | | |
| DATE | STEP | PRO | OCEDURE CHA | NGE | Ву | Date 0 | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | |
| | | | | | | | | |
| - | | | | | | | | |
| | | | | | | | | |
| Part No | • | PAR #: | Fault Cate | gory: | _ NCR: Yes | No DQA: | Date: _ | |
| | Res | solution: | Disposition | n: | _ QA: N/C C | osed: | Date: _ | |
| NCR: | | , | WORK ORDI | ER NON-CONFORMA | ANCE (NCF | ₹) | | |
| DATE | STEP | Description of NC | | Corrective Action Sect | | Verificati | ion Approval | Approval |
| DAIL | SILF | Section A | Initial Chief Eng | Action Description Chief Eng | Sign 8 Date | Section (| | QC Inspector |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | energi fagen a | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

DART AEROSPACE PART NUMBER JOHN CAMERON AVIATION D4008-9 REF JCA-M47-2-26

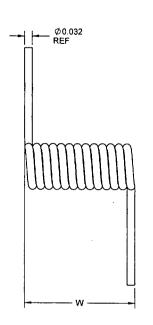
D

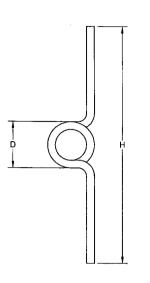
SPECIFICATION CONTROL DRAWING

5



С







| DART P/N | SUPPLIER | SUPPLIER P/N | WIDTH "W" | HEIGHT "H" | DIAMETER "D" | MATERIAL |
|----------|-----------------|-----------------|--------------|---------------|-----------------|-----------------------------|
| D4008-9 | VICTORY SPRING | N/A | 0.46 | 0.99 | 0.19 | STAINLESS STEEL SPRING WIRE |
| D4008-9 | BELL HELICOPTER | 206-031-140-001 | 0.46 | 0.99 | 0.19 | STAINLESS STEEL SPRING WIRE |

D4008-X SPRING



NOTES: 1) MATERIAL: T301 OR 304 STAINLESS STEEL SPRING WIRE ϕ 0.032 PER ASTM A313

2) FINISH: N/A

2) FINISH: NV: 3 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A 7) WEIGHT: 0.00 lbs

DESIGN DRAWN CHECKED MFG, APPR. APPROVED DE APPR. DATE 10.02.05

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. REV. A D4008 SHEET 9 OF 10 TITLE SCALE SPLASH GUARD NTS

COPYRIGHT @ 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IN PRIVATE AND COMPOSITION AND IS SUPPLIED ON THE EXPRESS CONCIT
MOT TO BE USED FOR ANY PURPOSE OR COPPED OR COMMANCATED TO ANY OTHER PERSON.

7

| | | | | | | | | | • . | | |
|----------|------|--------------------------------|----------------------|------------------------------|------------------------|-----------|--------------|-------------------------------------|--------------------------|--|--|
| W/O: | | | WO | RK ORDER CHANG | iES | | | | | | |
| DATE | STEP | PROCEDURE CHANGE | | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | } | | | | |
| | | | | | | | | | | | |
| Part No: | | PAR #: | Fault Categ | _ NCR: Yes | NCR: Yes No DQA: Date: | | | | | | |
| | | olution: | | | | | | | | | |
| NCR: | | · | WORK ORDE | R NON-CONFORM | ANCE (NCR |) | | | | | |
| DATE | STEP | Description of NC Section A | | ion B | Verification A | | | Approval | | | |
| | 012. | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | Section C | | Approval Chief Eng | QC Inspector | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | 100 | | | 100 | | **- | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | į | | | | |
| | | | | | | | | | | | |

3 **D4008-11 TANK HINGE HALF** DESIGN DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWN 1) MATERIAL: MADE FROM MS20001-4 HINGE OR MS20257-3 HINGE 1) MATERIAL: MADE FROM MS20001-4 HINGE OR MS20257-3 HINGE 2) FINISH: NIA 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: STOCK AS D4008-11 7) WEIGHT: 0.02 lbs DRAWING NO. CHECKED

8

REV. A D4008 MFG. APPR. SHEET 10 OF 10 APPROVED TITLE SCALE SPLASH GUARD DE APPR. NTS COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PROVITE AND CONTRIBUTION, AND IS SUPPLUED ON THE EXPRESS CONDITION
HOT TO BE USED FOR AMY PURPOSE OR COPPED OR CONMUNICATED TO AMY OTHER PERSON DATE 10.02.05

7

5

3

| Dart Aerospace Ltd | d |
|---------------------------|---|
|---------------------------|---|

| W/O: | | | WC | RK ORDER CHANG | BES | | | - | | • | |
|---------------------------------------|------|--------------------------------|-----------------------------|------------------------------|-----|----------------|------------------|---------|-------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | | | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
| | | | | | | | | | | | |
| | | | | * | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | PAR #: | Fault Category: NCR: Ye | | | : Yes | es No DQA: Date: | | | | |
| | | | Disposition: | | | | | | | | |
| NCR: | | | | R NON-CONFORM | | | | | | | |
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Veri | | ication | Approval | Approval | |
| | SIEF | | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | Secti | | Chief Eng | QC Inspector | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | *** | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |